This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

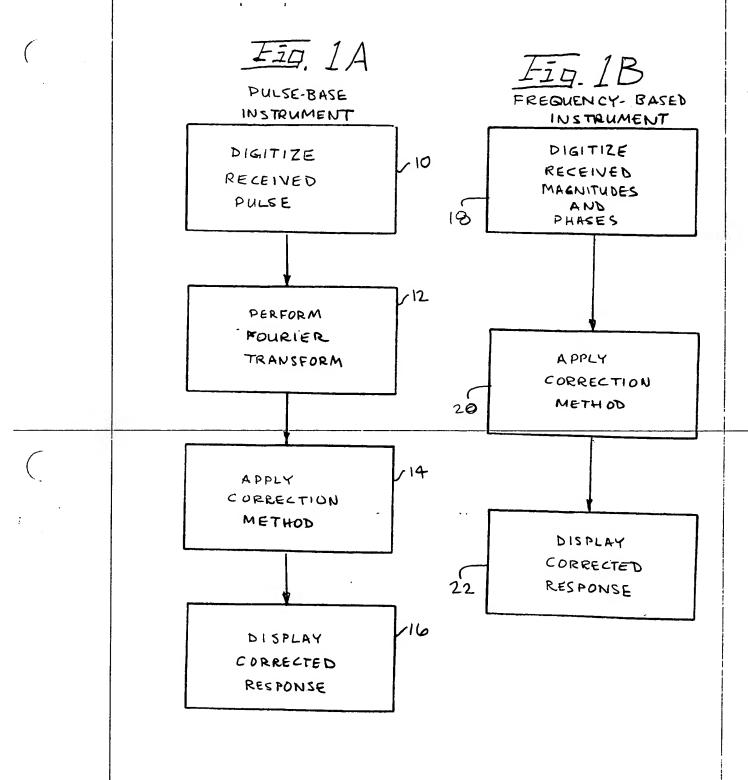
Defective images within this document are accurate representations of the original documents submitted by the applicant.

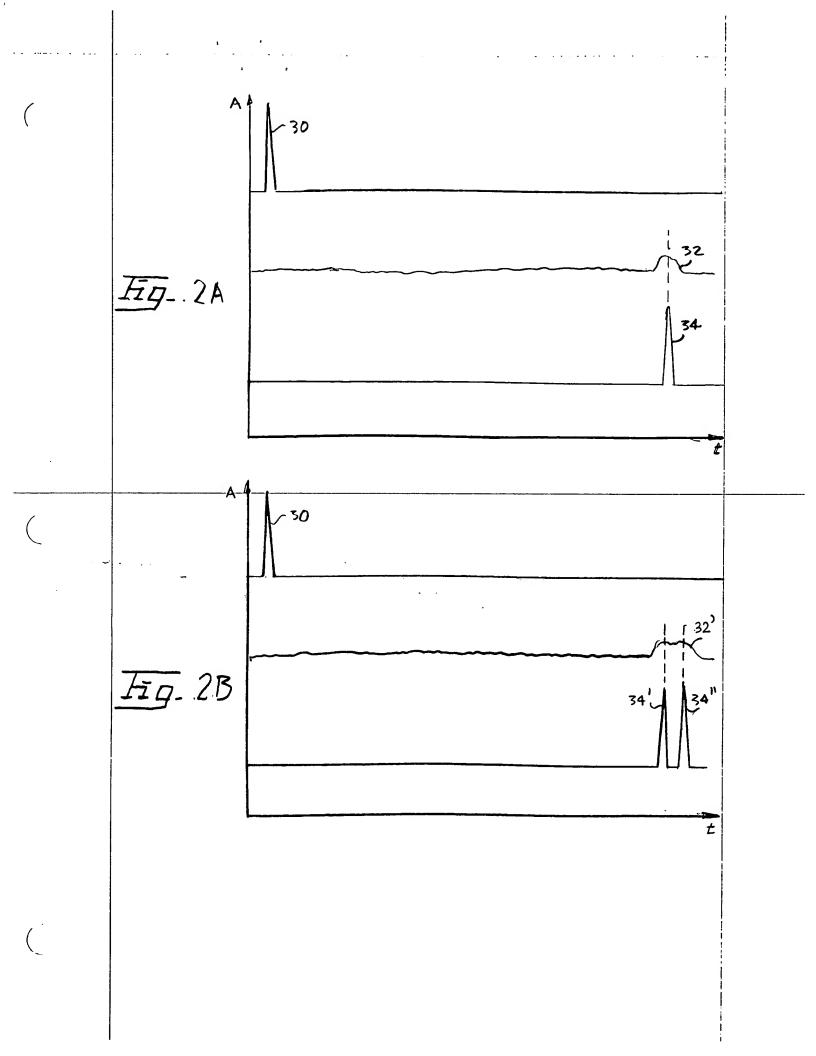
Defects in the images may include (but are not limited to):

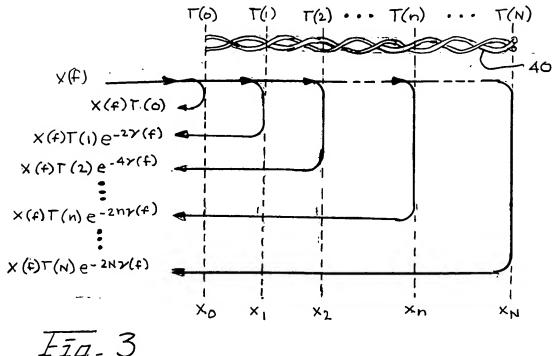
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.







500

MEASURE CABLE IN PREQUENCY DOMAIN TO OBTAIN A REFLECTED RESPONSE

Fig-4

C52

COLLECT FRACTIONAL SINUSCID. COMPONENTS OF THE REFLECTED RESPONSE TA 232 AH GUA 23 GUTINDAM DNIVAH PREDETERMINED POINTS ALONG THE CABLE

547

NORMALIZE THE COLLECTED SUPERPOSED SINUSOID COMPONENTS

567

EXTRACT PRACTIONAL SINUSOID COMPONENTS FROM NORMALIZED SUM BY CALCULATING THE REAL MAGNITUDE FOR EACH POINT, REMOVING ATTENUATION AND DISPERSION DISTORTIONS

58)

PLOT AND DISPLAY THE MAGNITUDES OF THE EXTRACTED FRACTIONAL SINUSOID COMPONENTS